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OM protein - protein search, using sw model

Run on: June 21, 2002, 08:20:15 ; Search time 34.99 Seconds

(Without alignments)
54.450 Million cell updates/sec

Title: US-09-351-778a-9

Perfect score: 78

Sequence: 1 MGSIAPTDYRTATGL.....ICLKRRAAPPYRPIIVL 78

Scoring table:

Gapop 60.0 , Gapext 60.0

Searched: 231628 segs, 24425594 residues

Word size : 0

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued_Patents_AA.*

- 1: /cgn2_6/pdata/2/1aa/5A.COMB.pep.*
- 2: /cgn2_6/pdata/2/1aa/5B.COMB.pep.*
- 3: /cgn2_6/pdata/2/1aa/6A.COMB.pep.*
- 4: /cgn2_6/pdata/2/1aa/6B.COMB.pep.*
- 5: /cgn2_6/pdata/2/1aa/PCU5.COMB.pep.*
- 6: /cgn2_6/pdata/2/1aa/Backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	78	100.0	101	4	US-09-033-333-22 Sequence 22, Appl
2	78	100.0	101	4	US-09-033-428-23 Sequence 23, Appl
3	6	7.7	78	1	US-07-929-206-4 Sequence 4, Appl
4	6	7.7	78	1	US-08-313-185-4 Sequence 4, Appl
5	6	7.7	78	2	US-08-459-499-4 Sequence 4, Appl
6	6	7.7	78	3	US-09-082-614A-44 Sequence 4, Appl
7	6	7.7	90	3	US-08-894-173-48 Sequence 48, Appl
8	6	7.7	90	4	US-09-398-193-48 Sequence 48, Appl
9	6	7.7	142	3	US-08-775-414-82 Sequence 82, Appl
10	6	7.7	150	3	US-08-775-414-84 Sequence 84, Appl
11	6	7.7	195	1	US-08-519-777-8 Sequence 8, Appl
12	6	7.7	195	1	US-08-742-035-8 Sequence 8, Appl
13	6	7.7	195	2	US-08-777-019-8 Sequence 8, Appl
14	6	7.7	195	2	US-08-777-143-8 Sequence 8, Appl
15	6	7.7	195	3	US-08-775-414-4 Sequence 8, Appl
16	6	7.7	195	4	US-08-775-414-4 Sequence 8, Appl
17	6	7.7	195	4	US-08-981-739-8 Sequence 8, Appl
18	6	7.7	264	1	US-08-463-115-93 Sequence 93, Appl
19	6	7.7	264	1	US-08-465-388-93 Sequence 93, Appl
20	6	7.7	318	3	US-08-859-167-4 Sequence 4, Appl
21	6	7.7	318	3	US-09-109-273-4 Sequence 4, Appl
22	6	7.7	318	4	US-09-276-993-4 Sequence 4, Appl
23	6	7.7	360	1	US-08-361-708-4 Sequence 4, Appl
24	6	7.7	360	1	US-08-536-277-4 Sequence 4, Appl
25	6	7.7	361	1	US-08-361-708-3 Sequence 3, Appl
26	6	7.7	361	1	US-08-314-309A-25 Sequence 25, Appl
27	6	7.7	361	1	US-08-536-277-3 Sequence 3, Appl

28	6	7.7	369	1	US-08-232-238A-2 Sequence 2, Appl
29	6	7.7	369	2	US-08-468-865-2 Sequence 2, Appl
30	6	7.7	369	2	US-08-411-043-2 Sequence 2, Appl
31	6	7.7	420	2	US-08-466-103A-2 Sequence 2, Appl
32	6	7.7	461	4	US-09-355-115-7 Sequence 4, Appl
33	6	7.7	726	2	US-08-313-185-49 Sequence 49, Appl
34	6	7.7	726	2	US-08-459-499-13 Sequence 13, Appl
35	6	7.7	726	3	US-09-082-614A-49 Sequence 49, Appl
36	6	7.7	956	1	US-08-185-232A-2 Sequence 2, Appl
37	6	7.7	956	1	US-08-416-523-2 Sequence 2, Appl
38	6	7.7	956	3	US-08-789-478-2 Sequence 2, Appl
39	6	7.7	1410	3	US-09-335-409-3 Sequence 3, Appl
40	6	7.7	1410	4	US-09-568-102-3 Sequence 3, Appl
41	6	7.7	1410	4	US-09-567-969-3 Sequence 3, Appl
42	6	7.7	1410	4	US-09-568-480-3 Sequence 3, Appl
43	6	7.7	1410	4	US-09-568-486-3 Sequence 3, Appl
44	6	7.7	1410	4	US-09-568-472-3 Sequence 3, Appl
45	6	7.7	2476	2	US-08-276-967-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-09-033-333-22
Sequence 22, Application US/09033333
Patent No. 6197293
GENERAL INFORMATION:
APPLICANT: Yu, De Chao
APPLICANT: Schuur, Eric
TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC
TITLE OF INVENTION: FOR CELLS EXPRESSING ANDROGEN RECEPTOR AND METHODS OF USE
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/033,333
FILING DATE: 02-MAR-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Catherine, Polizzi M
REGISTRATION NUMBER: 40,130
REFERENCE/DOCKET NUMBER: 34802-20007.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 101 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-09-033-333-22

Query Match 100.0%; Score 78; DB 4; Length 101;
Best Local Similarity 100.0%; Pred. No. 2.5e-72;
Matches 78; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MTSSTAPPTDYRNTATGTSALNLPQVHAFVNDASLDMMFSLALMFVCLIMPLIC 60
DB 1 MTSSTAPPTDYRNTATGTSALNLPQVHAFVNDASLDMMFSLALMFVCLIMPLIC 60
OY 61 CLKRRRAPPYRPIVIVL 78
DB 61 CLKRRRAPPYRPIVIVL 78

RESULT 2
US-09-033-428-23
; Sequence 23, Application US/09033428
; Patent No. 6254862
; GENERAL INFORMATION:
; APPLICANT: Little, Andrew
; APPLICANT: Lamparski, Henry
; APPLICANT: Schuur, Eric
; APPLICANT: Henderson, Daniel
; TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC FOR CELLS
; TITLE OF INVENTION: EXPRESSING APHA-FETOPROTEIN AND METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/033,428
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: POLIZZI, CATHERINE M.
; REGISTRATION NUMBER: 40,130
; REFERENCE/DOCKET NUMBER: 34802-30004.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141 MRSNFOERS SFO
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 101 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-033-428-23

Query Match 100.0%; Score 78; DB 4; Length 101;
Best Local Similarity 100.0%; Pred. No. 2.5e-72;
Matches 78; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MTSSTAPPTDYRNTATGTSALNLPQVHAFVNDASLDMMFSLALMFVCLIMPLIC 60
DB 1 MTSSTAPPTDYRNTATGTSALNLPQVHAFVNDASLDMMFSLALMFVCLIMPLIC 60
OY 61 CLKRRRAPPYRPIVIVL 78
DB 61 CLKRRRAPPYRPIVIVL 78

RESULT 3
US-07-929-206-4

Sequence 4, Application US/07929206
; Patent No. 563131
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart T.
; APPLICANT: Zhang, Ying
; APPLICANT: Young, Douglas B.
; TITLE OF INVENTION: Rapid Detection of Isoniazid Resistance
; TITLE OF INVENTION: In Mycobacterium Tuberculosis
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/929,206
; FILING DATE: 14-AUG-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/875,940
; FILING DATE: 30-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: FLYNN, Kerry A.
; REGISTRATION NUMBER: 33,693
; REFERENCE/DOCKET NUMBER: 03495.0110-01000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4000
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 78 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-07-929-206-4

Query Match 7.7%; Score 6; DB 1; Length 78;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 14 NTATG 19
DB 9 NTATG 14

RESULT 4
US-08-313-185-44
; Sequence 44, Application US/08313185
; Patent No. 5851763
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart
; APPLICANT: Young, Douglas
; APPLICANT: Zhang, Ying
; APPLICANT: Honore, Nadine
; APPLICANT: Relenti, Amalio
; APPLICANT: Bodmer, Thomas
; TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
; TITLE OF INVENTION: In Mycobacterium Tuberculosis
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: Dunner

STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313.185
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 02356.0068-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4400
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-313-185-44

Query Match 7.7%; Score 6; DB 2; Length 78;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 NTATG 19
DB 9 NTATG 14

RESULT 5
US-08-459-499-4
Sequence 4, Application US/08459499
Patent No. 5871912
GENERAL INFORMATION:
APPLICANT: Heym, Beate
APPLICANT: Cole, Stewart T.
APPLICANT: Young, Douglas B.
APPLICANT: Zhang, Ying
TITLE OF INVENTION: Nucleic Acid Probes, Sequences, and Methods
TITLE OF INVENTION: for detecting Mycobacterium Tuberculosis Resistant to Isoniazid
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459.499
FILING DATE: 02-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/875,940
FILING DATE: 30-APR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/929,206
FILING DATE: 27-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/029,655
FILING DATE: 11-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0110-03000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4400
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-459-499-4

Query Match 7.7%; Score 6; DB 2; Length 78;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 NTATG 19
DB 9 NTATG 14

RESULT 6
US-09-082-614A-44
Sequence 44, Application US/09082614A
Patent No. 6124098
GENERAL INFORMATION:
APPLICANT: Heym, Beate
APPLICANT: Cole, Stewart
APPLICANT: Young, Douglas
APPLICANT: Zhang, Ying
APPLICANT: Honore, Nadine
APPLICANT: Telenti, Amelio
APPLICANT: Bodmer, Thomas
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OF INVENTION: in Mycobacterium Tuberculosis
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/082.614A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/313.185
FILING DATE: 12-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 02356.0068-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4400
TELEFAX: (202) 408-4400

INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-082-614A-44

Query Match 7.7%; Score 6; DB 3; Length 78;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 14 NTATG 19
|||||
DB 9 NTATG 14

RESULT 7
US-08-894-173-48
Sequence 48, Application US/08894173A
Patent No. 6090612
GENERAL INFORMATION:
APPLICANT: Medical Research Council
TITLE OF INVENTION: Adenylate cyclase and uses therefor
FILE REFERENCE: P14716C
CURRENT APPLICATION NUMBER: US/08/894,173A
CURRENT FILING DATE: 1997-08-13
NUMBER OF SEQ ID NOS: 97
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 90
TYPE: PRT
ORGANISM: Human
US-08-894-173-48

Query Match 7.7%; Score 6; DB 3; Length 90;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 44 FSIATM 49
|||||
DB 39 FSIATM 44

RESULT 8
US-09-398-193-48
Sequence 48, Application US/09398193
Patent No. 6197581
GENERAL INFORMATION:
APPLICANT: Medical Research Council
TITLE OF INVENTION: Adenylate cyclase and uses therefor
FILE REFERENCE: P24360-
CURRENT APPLICATION NUMBER: US/09/398,193
CURRENT FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 90
TYPE: PRT
ORGANISM: Human
US-09-398-193-48

Query Match 7.7%; Score 6; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 44 FSIATM 49
|||||
DB 39 FSIATM 44

RESULT 9
US-08-775-414-82
Sequence 82, Application US/08775414
Patent No. 6090778
GENERAL INFORMATION:
APPLICANT: JOHNSON JR., EUGENE M.
APPLICANT: MILBRANDT, JEFFREY D.
APPLICANT: KOTZBAUER, PAUL T.
APPLICANT: LAMPE, PATRICIA A.
TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: US
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/775,414
FILING DATE: 31-DEC-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 965805
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 142 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-775-414-82

Query Match 7.7%; Score 6; DB 3; Length 142;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 64 RRRARP 69
|||||
DB 38 RRRARP 43

RESULT 10
US-08-775-414-84
Sequence 84, Application US/08775414
Patent No. 6090778
GENERAL INFORMATION:
APPLICANT: JOHNSON JR., EUGENE M.
APPLICANT: MILBRANDT, JEFFREY D.
APPLICANT: KOTZBAUER, PAUL T.
APPLICANT: LAMPE, PATRICIA A.
TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: US
ZIP: 63105-1817

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/775,414
FILING DATE: 31-DEC-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 965805
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 150 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-775-414-84

Query Match 7.7%; Score 6; DB 3; Length 150;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 64 RRRARP 69
Db 46 RRRARP 51

RESULT 11
US-08-519-777-8
Sequence 8, Application US/08519777
Patent No. 5739307
GENERAL INFORMATION:
APPLICANT: JOHNSON JR., EUGENE M.
APPLICANT: MILBRANDT, JEFFREY D.
APPLICANT: KOTZBAUER, PAUL T.
APPLICANT: LAMPE, PATRICIA A.
TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESSES:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: US
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/519,777
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 965805
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 195 amino acids
TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-519-777-8

Query Match 7.7%; Score 6; DB 1; Length 195;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 64 RRRARP 69
Db 91 RRRARP 96

RESULT 12
US-08-742-035-8
Sequence 8, Application US/08742035
Patent No. 5747655
GENERAL INFORMATION:
APPLICANT: JOHNSON JR., EUGENE M.
APPLICANT: MILBRANDT, JEFFREY D.
APPLICANT: KOTZBAUER, PAUL T.
APPLICANT: LAMPE, PATRICIA A.
TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESSES:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: US
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742,035
FILING DATE: 01-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/519,777
FILING DATE: 28-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 965805
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 195 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-742-035-8

Query Match 7.7%; Score 6; DB 1; Length 195;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 64 RRRARP 69
Db 91 RRRARP 96

RESULT 13
US-08-777-019-8
Sequence 8, Application US/08777019
Patent No. 5817622

GENERAL INFORMATION:
APPLICANT: JOHNSON JR., EUGENE M.
APPLICANT: MILBRANDT, JEFFREY D.
APPLICANT: KOTZBAUER, PAUL T.
APPLICANT: LAMPE, PATRICIA A.
TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: US
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777.019
FILING DATE: 30-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/519,777
FILING DATE: 28-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 953095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ. ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 195 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-777-019-8

Query Match 7.7% Score 6: DB 2: Length 195;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 6: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 64 RRRARP 69
Db 91 RRRARP 96

RESULT 14
US-08-777-143-8
Sequence 8, Application US/08777143
Patent No. 5843914
GENERAL INFORMATION:
APPLICANT: JOHNSON JR., EUGENE M.
APPLICANT: MILBRANDT, JEFFREY D.
APPLICANT: KOTZBAUER, PAUL T.
APPLICANT: LAMPE, PATRICIA A.
TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: US
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777.143
FILING DATE: 30-DEC-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/519,777
FILING DATE: 28-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 953095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ. ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 195 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-777-143-8

Query Match 7.7% Score 6: DB 2: Length 195;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 6: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 64 RRRARP 69
Db 91 RRRARP 96

RESULT 15
US-08-775-414-8
Sequence 8, Application US/08775414
Patent No. 6090778
GENERAL INFORMATION:
APPLICANT: JOHNSON JR., EUGENE M.
APPLICANT: MILBRANDT, JEFFREY D.
APPLICANT: KOTZBAUER, PAUL T.
APPLICANT: LAMPE, PATRICIA A.
TITLE OF INVENTION: NEURTURIN AND RELATED GROWTH FACTORS
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: US
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/775.414
FILING DATE: 31-DEC-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 953095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ. ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 195 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-775-414-8

Query Match 7.7%; Score 6; DB 3; Length 195;
 Best Local Similarity 100.0%; Pred. No. 79;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 64 RRRAP 69
 |||||
 Db 91 RRRAP 96

Search completed: June 21, 2002, 08:20:59
 Job time: 44 sec